

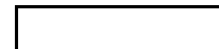
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PHOTOGRAPHIC INTERPRETATION REPORT



**VITAL RECORDS COPY**

**PROBABLE  
LONG RANGE SAM  
MISSILE TRANSPORTER  
USSR**



25X1

APRIL 1967

COPY 116

7 PAGES

25X1

Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM  
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## PROBABLE LONG RANGE SAM MISSILE TRANSPORTER, USSR

The purpose of this report is to provide photographic and mensural data for a piece of ground support equipment associated with the Probable Long Range SAM (PLRS) system. The ground photography used in this report was

The 2 pieces of equipment were observed in the Krasnaya Presnya railyard in Moskva,

was not shown in the May Day Parade of 1966. At the time of the initial sighting the 2 pieces of equipment as transporter trailers (probable missile) pulled by 2 ZIL-157 tractor-trucks. 1/

The equipment photographed in the railyard consists of a ZIL-157V truck-tractor, which is utilized with the SA-1 and SA-2 systems, and a stepdown semitrailer with single-wheel tandem axles. The use of a tandem axle semitrailer is indicative of a heavier load than that of the single-axled SA-1 and SA-2 missile transporters.

The semitrailer has an overall length of

feet high to the top of the canvas-covered trailer load. The overall length of the truck-tractor and semitrailer

Subsequent overhead photographic coverage of the PLRS complexes at Tallinn and Liepaja in Figures 3 and 4) revealed missile transporters. The transporters at Tallinn had a series of highlights perpendicular to the long axis of the semitrailer which are probably tubular framework used to support the canvas cover. The highlight effect seen at Tallinn might have been caused by canvas gathered on the tubular supports. The tubular-type of canvas support has been seen associated with the SA-2 missile transporter.

The equipment at Tallinn and Liepaja also consists of a ZIL-157 truck-tractor and a semitrailer, having an overall length of 50 feet and a It could not be determined from the overhead photography whether the trailer had single-wheeled tandem axles, but it did appear to be of stepdown configuration. Based on the similarities in configuration, equipment, and mensural data, the equipment is most likely the missile transporter for the PLRS system. Figure 5 provides a schematic diagram of the truck-tractor and semitrailer, with mensural data obtained from the ground photography.

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FIGURE 2. PHOTOGRAPH OF TRANSPORTERS.

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FIGURE 3. TALLINN PROBABLE LONG RANGE SAM LAUNCH COMPLEX.

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NPIC PROJECT

11350/66 (partial answer)

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